

Title (en)

METHOD OF SUSPENSION POLYMERIZATION OF DROPLETS DISTRIBUTED IN AN AQUEOUS MEDIUM

Title (de)

VERFAHREN ZUR SUSPENSIONSPOLYMERISIERUNG VON IN EINEM WÄSSRIGEN MEDIUM VERTEILTEN TRÖPFCHEN

Title (fr)

PROCÉDÉ DE POLYMÉRISATION EN SUSPENSION DE GOUTTELETTES DISTRIBUÉES DANS UN MILIEU AQUEUX

Publication

EP 3393641 A1 20181031 (EN)

Application

EP 16823414 A 20161215

Priority

- US 201562270733 P 20151222
- US 2016066853 W 20161215

Abstract (en)

[origin: WO2017112515A1] Provided is a method of suspension polymerization comprising (I) providing a composition comprising droplets distributed in an aqueous medium, wherein the droplets comprise one or more boronic acids, one or more monomers, and one or more initiators, and wherein the aqueous medium comprises polyvinyl alcohol; wherein the one or more boronic acids are present in an amount of 0.002% or more, by weight based on the weight of the droplets, and (II) stressing the composition so that the initiator initiates polymerization of the monomer.

IPC 8 full level

B01F 3/08 (2006.01); **C08F 2/20** (2006.01); **C08F 230/06** (2006.01)

CPC (source: EP KR RU US)

C08F 2/18 (2013.01 - KR US); **C08F 2/20** (2013.01 - EP KR RU US); **C08F 16/06** (2013.01 - KR); **C08F 212/08** (2013.01 - EP KR RU US);
C08F 212/34 (2013.01 - US); **C08F 212/36** (2013.01 - KR); **C08F 230/06** (2013.01 - KR); **C08K 3/38** (2013.01 - KR US);
C08K 5/14 (2013.01 - KR US); **C08F 16/06** (2013.01 - US); **C08F 212/36** (2013.01 - US); **C08F 230/06** (2013.01 - EP RU US)

C-Set (source: EP RU US)

C08F 212/08 + C08F 212/36 + C08F 230/06

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017112515 A1 20170629; CN 108367254 A 20180803; CN 108367254 B 20210824; EP 3393641 A1 20181031; EP 3393641 B1 20200429;
JP 2018538399 A 20181227; JP 6937303 B2 20210922; KR 102682029 B1 20240704; KR 20180096663 A 20180829;
RU 2018124496 A 20200109; RU 2018124496 A3 20200227; RU 2731490 C2 20200903; US 10640580 B2 20200505;
US 2019002600 A1 20190103

DOCDB simple family (application)

US 2016066853 W 20161215; CN 201680070877 A 20161215; EP 16823414 A 20161215; JP 2018528655 A 20161215;
KR 20187019014 A 20161215; RU 2018124496 A 20161215; US 201616060179 A 20161215